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A Replicated Architecture for the Domain Name System

I Kangasharju, KW Ross - PROC IEEE INFOCOM, 2000 - nibbler.tk.informatik.tu-darmstadt.de

.. correct information in the replicated **name-** servers is ... is clearly available for
 plicated **DNS**) can efficiently ... the central master replicated **server** is using a ...

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Fiber-Coax Local Access Networks

A Grzelak, H Miles Jr, ES Szurkowski, WP Weber Jr - Bell Labs Technical Journal, 1996 - doi.wiley.com

.. CBR—constant bit rate DES—data encryption standard **DNS**—domain **name** ... of delay on overseas
 phone calls carried on **satellite** circuits. ... Domain **name server** ...

Cited by 4 - [Web Search](#) - [csa.com](#)

An Indoors Wireless Positioning System Based on Wireless Local Area Network Infrastructure

F Wang, X Jia, HK Lee, GY Li - Proceedings of the 6th International Symposium on **Satellite** ..., 2003 - nisl.hau.ac.kr

.. TV signal positioning, IP address positioning, domain **name** system (**DNS**) positioning,
 and ... and indoor tracking- monitoring program on the **server** side. ...

Cited by 10 - [View as HTML](#) - [Web Search](#) - [gmat.unsw.edu.au](#)

King: Estimating latency between arbitrary internet end hosts

P Gummadi, S Saroiu, SD Gribble - Proceedings of the 2002 SIGCOMM Internet Measurement ..., 2002 - portal.acm.org

.. Each **DNS** query" is a UDP request packet. ... Even when the **name** servers and their end
 hosts are ... of practical applications (such as closest **server** replica selection ...

Cited by 88 - [Web Search](#) - [icir.org](#) - [cs.washington.edu](#) - [cs.berkeley.edu](#) - [all 24 versions](#) »

Securely implementing a BIND DNS server on RedHat Linux.

I Steadman - URL: http://www.giac.org/practical/GSEC/Jody_Steadman_GSEC ... - [giac.org](#)

.. IT East contains all domains authoritative for its **name server**. The secondary **server**
 will contain data from ... the primary and secondary **DNS server** assignments with ...

Cited by 2 - [View as HTML](#) - [Web Search](#)

Name and Address Decoupling in Support of Dynamic Networks

A McAuley, R Morera, NJ Morristown - Proc. of MILCOM, Oct, 2002 - [ieeexplore.ieee.org](#)

.. better suited to dynamic networks, we replace the **DNS** with a new Logical **Name Server**
 (NS) Page 2 971 that routes the query to a Location **Server** rather than ...

Cited by 2 - [Web Search](#) - [ieeexplore.ieee.org](#)

Replicating the DNS using Satellite Broadcast

I Kangasharju, KW Ross - Infocom 2000 - [eurecom.fr](#)

.. In the second scheme we have no central replicated **server**. ... it has received to all
 other replicated **name-** servers ... We expect **DNS** up- date traffic to be bursty and ...

Cited by 1 - [View as HTML](#) - [Web Search](#) - [cis.poly.edu](#)

DoDNS: Improving DNS Performance and Reliability via Cooperative Lookups

S Park, VS Pai, L Peterson, Z Wang - Proc. of Symposium on Operating Systems Design and ..., 2004 - [usenix.org](#)

.. While **DNS** users can manually query each level of the hierarchy in turn ... **name** has been
 solved, most systems delegate this task to **local name- server** machines. ...



(dns or (name server)) and satellite and cache

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A Replicated Architecture for the Domain Name System

[Kangasharju], KW Ross - PROC IEEE INFOCOM, 2000 - nibbler.tk.informatik.tu-darmstadt.de

.. distribute new resource records over the **satellite** channel (or ... the local nameserver,

s a root **name server**, is ... type in **DNS** (AXFR query type [3]). When ...

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Securely implementing a BIND DNS server on RedHat Linux.

[Steadman] - URL: http://www.giac.org/practical/GSEC/Jody_Steadman_GSEC... - [giac.org](#)

.. These files are named the **name** of the service they start. ... see how important and easy

it is to properly configure **DNS** infrastructure to ... Master **server** config file ...

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Replicating the DNS using Satellite Broadcast

[Kangasharju], KW Ross - Infocom 2000 - [eurecom.fr](#)

.. date, they distribute new resource records over the **satellite** channel (or ... 1. A **DNS**

query ... a root **name server**, ϕ is an intermediate nameserver, and ϕ^i an ...

Cited by 1 - [View as HTML](#) - [Web Search](#) - [cis.poly.edu](#)

King: Estimating latency between arbitrary internet end hosts

[P Gummadi, S Saroiu, SD Gribble - Proceedings of the 2002 SIGCOMM Internet Measurement ..., 2002 - [portal.acm.org](#)

.. Each **DNS** query" is a UDP request packet. ... Even when the **name** servers and their end

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Cited by 88 - [Web Search](#) - [icir.org](#) - [cs.washington.edu](#) - [cs.berkeley.edu](#) - [all 24 versions](#) »

Requirements and Results for Communication Network and Satellite Studies

[F Bush - [crd.ge.com](#)

.. basis with client-based host tables or through a **name server**; eg, **DNS** is frequently ...

One additional **satellite** round trip time is required if resolution is ...

[View as HTML](#) - [Web Search](#) - [research.ge.com](#) - [crd.ge.com](#) - [research.ge.com](#)

CoDNS: Improving DNS Performance and Reliability via Cooperative Lookups

[S Park, VS Pai, L Peterson, Z Wang - Proc. of Symposium on Operating Systems Design and ..., 2004 - [usenix.org](#)

.. While **DNS** users can manually query each level of the ... most systems delegate this task

to local **name-server** machines ... update with new software or root **server** lists ...

Cited by 10 - [Web Search](#) - [db.usenix.org](#) - [codeen.cs.princeton.edu](#) - [cs.princeton.edu](#) - [all 7 versions](#) »

psj DNS with Ubiquitous Replication to Survive Attacks and Improve Performance

[M LaFlamme, BN Levine - [prisms.cs.umass.edu](#)

.. an error, the results from the **cache** are used ... **DNS** response, which is usually the

DNS response 4 ... 1. ipChange: at least one authoritative **name-server** for domain ...

[View as HTML](#) - [Web Search](#) - [prisms.cs.umass.edu](#) - [signl.cs.umass.edu](#)

CoDNS: Masking DNS Delays via Cooperative Lookups

[S Park, Z Wang, V Pai, L Peterson - Princeton University Computer Science Technical Report TR- ..., 2004 -

[codeen.cs.princeton.edu](#)

.. When CoDeeN must forward requests to the origin **server**, it performs a **DNS** lookup



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[A Hierarchical Internet Object Cache - Chankhunthod, Danzig, Neerdaels.. \(1995\) \(Correct\) \(353 citations\)](#)
memory management, and a Domain Naming System (DNS) cache. Because of its high performance, the
sult. What happened, of course, is that the **nameserver** resolves the name between the time that the
tp.cs.colorado.edu/pub/techreports/schwartz/HarvestCache.ps.Z

[Privacy Enhancement for Internet Electronic Mail: Part II.. - Kent \(1993\) \(Correct\) \(222 citations\)](#)
names in certificates are Distinguished Names (DNs) as defined in the directory system (X.500)Once
tp.cert.dfn.de/pub/tools/crypt/secude/Security/pem/rfc1422.ps

[Towards an Active Network Architecture - Tennenhouse, al. \(1996\) \(Correct\) \(195 citations\)](#)
Web proxies and other services, such as **DNS** and multicast routers, that form strategic
distinguishing among the many routers, domain **name servers**, and web servers that conspire to provide the
tp.tns.lcs.mit.edu/pub/papers/ccr96.ps.gz

[Fundamental Design Issues for the Future Internet - Shenker \(1995\) \(Correct\) \(161 citations\)](#)
38] and [24]e.g.FTP)name service (e.g.DNS)and electronic mail (e.g.SMTP)3 These
www.cs.rutgers.edu/~bvickers/672/papers/She95.ps.gz

[SPARSKIT: a basic tool kit for sparse matrix computations - Version .. - Saad \(1994\) \(Correct\) \(143 citations\)](#)
dense format which needs no detailed description)DNS Dense format BND Linpack Banded format CSR
www.cs.umn.edu/Research/arpa/SPARSKIT/paper.ps

[Heuristics for Internet Map Discovery - Govindan, Tangmunarunkit \(2000\) \(Correct\) \(129 citations\)](#)
or more databases (e.g. such as routing tables, the **DNS**, or a precomputed table of host addresses)
tp.usc.edu/pub/csinfo/tech-reports/papers/99-717.ps.Z

[Internet Security Association and Key Management Protocol .. - Maughan, Patrick.. \(1995\) \(Correct\) \(121 citations\)](#)
certificates. Currently, Domain Name System (DNS) Security Extensions [EK94] are being developed
tp.botik.ru/pub/doc/internet-drafts/draft-nsa-isakmp-02.ps.gz

[Scalable Internet Resource Discovery: Research Problems and.. - Bowman, Danzig \(1994\) \(Correct\) \(102 citations\)](#)
services [46]including the Domain Naming System (DNS) 33]the finger service [53] and the Simple Mail
o Netfind example, self-instrumented Internet **name servers** show that **DNS** traffic consumes 20 times more
hor.csie.ntu.edu.tw/notebook/reviewed_paper/references/harvest-proj/RD_ResearchProblems_Jour.ps.gz

[Locating Nearby Copies of Replicated Internet Servers - Guyton, Schwartz \(1995\) \(Correct\) \(102 citations\)](#)
considerations. These include Braun and Claffy's **DNS** mapping scheme [5]Gwertzman and Margo Seltzer's
sponses relative to the source of domain **name server** queries. Technical report, San Diego
ikwww.enc.iis.sinica.edu.tw/papers/r/ReplSvrLoc.ps

[A Scalable HTTP Server: The NCSA Prototype - Katz, Butler, McGrath \(1994\) \(Correct\) \(92 citations\)](#)
onfigured http servers Use of Round-Robin **DNS** for distributing http requests across the cluster
bias seemingly inherent in the rotation of the **name server** mappings. This bias becomes immediately
ends queries for resource information to the **server** [named.NCSA Mosaic and most other www browsers
www.ncsa.uiuc.edu/InformationServers/Conferences/CERNwww94/www94.ncsa.ps

[World-Wide Web Proxies - Luotonen, Altis \(1994\) \(Correct\) \(91 citations\)](#)
nap well into HTTP methods. Clients without **DNS** (Domain Name Service) can still use the Web. The
www.ticl.co.uk/security/CD/docs/firewall/wwwproxy.ps

[A Novel Server Selection Technique for Improving the .. - Fei, Bhattacharjee, .. \(1998\) \(Correct\) \(88 citations\)](#)



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ference to a shared file, the file stayed in the **local** cache indefinitely and the upper-level caches saw
tp.cs.colorado.edu/pub/techreports/schwartz/HarvestCache.ps.Z

One or more of the query terms is very common - only partial results have been returned. Try [Google \(CiteSeer\)](#).

[Privacy Enhancement for Internet Electronic Mail: Part II.. - Kent \(1993\) \(Correct\) \(222 citations\)](#)
names in certificates are Distinguished Names (**DNs**) as defined in the directory system (X.500) Once
he MIC. The recovered MIC is compared against the **locally** calculated MIC to verify the integrity and data
ame (e.g. countries, states, provinces, **localities**) does not require that various governments
tp.cert.dfn.de/pub/tools/crypt/secude/Security/pem/rfc1422.ps

[Towards an Active Network Architecture - Tennenhouse, al. \(1996\) \(Correct\) \(195 citations\)](#)
Web proxies and other services, such as **DNS** and multicast routers, that form strategic
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on-the-fly technology to translate such methods **locally**, or it could load platform-specific versions
tp.tns.lcs.mit.edu/pub/papers/ccr96.ps.gz

[Fundamental Design Issues for the Future Internet - Shenker \(1995\) \(Correct\) \(161 citations\)](#)
38] and [24]e.g.FTP)name service (e.g.**DNS**)and electronic mail (e.g.SMTP)3 These
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or more databases (e.g. such as routing tables, the **DNS**, or a precomputed table of host addresses)
his technique alone might only result in a campus-**local** map. For technique 1, we need a heuristic that
topology against the backbone structures of a **local** ISP and of part of a statewide research and
tp.usc.edu/pub/csinfo/tech-reports/papers/99-717.ps.Z

[Internet Security Association and Key Management Protocol .. - Maughan, Patrick.. \(1995\) \(Correct\) \(121 citations\)](#)
certificates. Currently, Domain Name System (**DNS**) Security Extensions [EK94] are being developed
This implies that the issuing entity must use **local** secret information in the generation and
Address, the UDP Source and Destination Ports and a **locally** generated secret random value. ISAKMP requires
tp.botik.ru/pub/doc/internet-drafts/draft-nsa-isakmp-02.ps.gz

[Scalable Internet Resource Discovery: Research Problems and.. - Bowman, Danzig \(1994\) \(Correct\) \(102 citations\)](#)
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of servers, but many users simply browse a **local** copy of this server list. 1000 100 10 1 Index
hor.csie.ntu.edu.tw/notebook/reviewed_paper/references/harvest-proj/RD_ResearchProblems_Jour.ps.gz

[Locating Nearby Copies of Replicated Internet Servers - Guyton, Schwartz \(1995\) \(Correct\) \(102 citations\)](#)
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1. A replicated architecture for the Domain Name System

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- IEE CNF**

- IEEE JNL